

661—221.4(101) Motor fuel dispensing facilities and repair garages. The International Fire Code, 2006 edition, published by the ICC, Chapter 22 and references contained therein, and NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages, 2003 edition and references contained therein, are adopted by reference as the rules for motor fuel dispensing facilities and repair garages. If any provision of the International Fire Code adopted herein is in conflict with any provision of NFPA 30A, the International Fire Code provision shall apply. The International Fire Code, 2006 edition, Chapter 22, is adopted with the following amendments:

221.4(1) Amend Table 2206.2.3 so that:

Each tank with a capacity of not more than 6,000 gallons for motor vehicle fuel dispensing systems and storing a Class I liquid, or with a capacity of not more than 12,000 gallons and storing a Class II or Class III liquid, that is located at a commercial, industrial, governmental, or manufacturing establishment, and that is intended for fueling vehicles used in connection with the establishment, is required to be located at least:

(a) 40 feet away from the nearest important building on the same property;

EXCEPTION: Tanks may be located closer than 40 feet to a building of noncombustible construction.

(b) 40 feet away from any property that is or may be built upon, including the opposite side of a public way;

EXCEPTION: No minimum separation shall be required for any tank that complies with NFPA 30A, section 4.3.2.6.

(c) 100 feet away from any residence or place of assembly.

221.4(2) Add the following new section:

2206.7.1.1 Dispensing of E-blend.

2206.7.1.1.1 Definitions.

“E-10” means a blend of petroleum and ethanol including no more than 15 percent ethanol intended for use as a motor vehicle fuel.

“E-blend” means a blend of petroleum and ethanol including more than 15 percent ethanol intended for use as a motor vehicle fuel.

2206.7.1.1.2 E-blend may only be dispensed if both of the following apply:

(a) Only a dispenser listed by an independent testing laboratory as compatible with ethanol blended gasoline shall be used to dispense E-blend.

(b) The owner or operator or a person authorized by the owner or operator shall visually inspect the dispenser and the dispenser sump daily for leaks and equipment failure and maintain a record of such inspection for at least one year after the inspection. The record shall be located on the premises of the retail dealer and shall be made available to the department of natural resources or the state fire marshal upon request. If a leak is detected, the department of natural resources shall be notified pursuant to Iowa Code section 455B.386.

221.4(3) Add the following new section:

2206.7.10 Under dispenser containment (UDC). When installing a new motor fuel dispenser or replacing a motor fuel dispenser, UDC shall be installed whenever any of the following occurs:

(1) UDC is required by a rule adopted by the environmental protection commission.

NOTE: See 567—subrule 135.3(9), paragraph “h.”

(2) A motor fuel dispenser is installed at a location where there previously was no dispenser; or

(3) An existing motor fuel dispenser is removed and replaced with another dispenser. UDC is not required when only the emergency shutoff, shear valves or check valves are replaced.

UDC shall:

- Be intact and liquid tight on its sides and bottom and at any penetrations;
- Be compatible with the substance conveyed by the piping; and
- Allow for visual inspection and monitoring and access to the components in the containment system.

EXCEPTION: UDC shall not be required for a dispenser which sits directly upon a solid concrete apron.